	Application No.	Applicant(s)
N 41	10/612,829	COOPER ET AL.
Notice of Allowability	Examiner	Art Unit
	Joseph Lauture	2819
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.		
1. This communication is responsive to <u>correspondence filed 03/24/2005</u> .		
2. The allowed claim(s) is/are <u>1-25</u> .		
3. The drawings filed on <u>01 July 2003</u> are accepted by the Examiner.		
 4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some* c) None of the: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 		
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the requirements
5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.		
6. CORRECTED DRAWINGS (as "replacement sheets") mus	et be submitted.	
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached		
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date		
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date		
Identifying indicia such as the application number (see 37 CFR 1, each sheet. Replacement sheet(s) should be labeled as such in t		
7. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT		
 Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 32405) 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material 	6. ☐ Interview Summary Paper No./Mail Da 98), 7. ☑ Examiner's Amend	ıte ´

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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

In claims 16 and 25, lines 2 respectively, replace "an integer" with -- a positive integer--.

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Allowable Subject Matter

Claims 1-25 are allowable.

The following is an examiner's statement of reasons for allowance: The prior arts of record fail to teach a modulator comprising inter alia an odd-phase sample- and-hold circuit having its output terminal coupled to a first node; an even-phase resonator coupled to both the first node and a second node; a quantizer having its input terminal coupled to the second node, the quantizer having an output terminal; a digital to analog converter having its input terminal coupled to the quantizer output terminal, the digital-to-analog converter having an output terminal coupled to the first node; a first feed forward stage coupled between the first node and the second node; and a second feed forward stage coupled between the resonator and the second node.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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CONTACT INFORMATION

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Joseph Lauture, whose telephone number is

(571) 272-1805. The examiner can normally be reached Monday to Friday

between 9:30 am and 6:00 PM

If attempts to reach the examiner by telephone are unsuccessful, the

examiner's supervisor, Michael Tokar can be reached at (571) 272-1812. The

fax number for the organization to which this application is assigned is (703) 872-

9306.

Any inquiry of a general nature or relating to the status of this application

or proceeding should be directed to the group receptionist whose telephone

number is (571) 272-1562.

Joseph Lauture

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Date: 04/15/2005

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